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**Questions to Go Along with the Unit 9 Notes, Part 3 – The Endocrine System**

Ms. OK, AP Biology, 2014-2015

1. Why is the interaction of blood calcium levels and calcitonin / parathyroid hormone considered an example of negative feedback?
2. Why is the interaction of pressure on the uterine muscle wall and the hormone oxytocin considered an example of positive feedback?
3. Describe how insulin and glucagon work together to regulate blood glucose levels. Does this system use positive or negative feedback?
4. Compare and contrast steroid and peptide / amine hormones based on their ability to pass through the membrane and the type of receptors they bind to (i.e. plasma membrane receptors or intracellular receptors).
5. What are the pros and cons of using the endocrine system as a method of cell signaling?